

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_G\DATA\BG062817\  
 Data File : BG027724.D  
 Acq On : 29 Jun 2017 3:23  
 Operator : SJ/JU  
 Sample : I3884-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CAN-GW-05

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.607       | 286           | 292         | 300          | rBV      | 54194          | 85323         | 5.55%           | 1.007%        |
| 2         | 6.053       | 361           | 368         | 381          | rBV      | 298711         | 506039        | 32.92%          | 5.975%        |
| 3         | 7.610       | 626           | 633         | 648          | rBV      | 285248         | 527721        | 34.33%          | 6.231%        |
| 4         | 8.010       | 692           | 701         | 714          | rBV      | 298386         | 539973        | 35.13%          | 6.376%        |
| 5         | 8.474       | 773           | 780         | 788          | rVB      | 125637         | 229431        | 14.93%          | 2.709%        |
| 6         | 8.803       | 828           | 836         | 845          | rVB      | 229975         | 415095        | 27.00%          | 4.901%        |
| 7         | 9.637       | 968           | 978         | 990          | rBV      | 176281         | 336089        | 21.86%          | 3.969%        |
| 8         | 11.294      | 1252          | 1260        | 1269         | rBV      | 183202         | 347042        | 22.58%          | 4.098%        |
| 9         | 13.686      | 1658          | 1667        | 1674         | rBV      | 505202         | 798207        | 51.93%          | 9.425%        |
| 10        | 15.060      | 1893          | 1901        | 1910         | rVB2     | 270258         | 454432        | 29.56%          | 5.366%        |
| 11        | 16.541      | 2146          | 2153        | 2163         | rBV      | 341414         | 558321        | 36.32%          | 6.593%        |
| 12        | 17.810      | 2360          | 2369        | 2382         | rBV2     | 379790         | 618436        | 40.23%          | 7.302%        |
| 13        | 20.390      | 2801          | 2808        | 2817         | rBV      | 1141133        | 1537180       | 100.00%         | 18.151%       |
| 14        | 22.170      | 3104          | 3111        | 3121         | rBV      | 427501         | 779346        | 50.70%          | 9.202%        |
| 15        | 25.783      | 3713          | 3726        | 3738         | rBV2     | 229036         | 736242        | 47.90%          | 8.694%        |

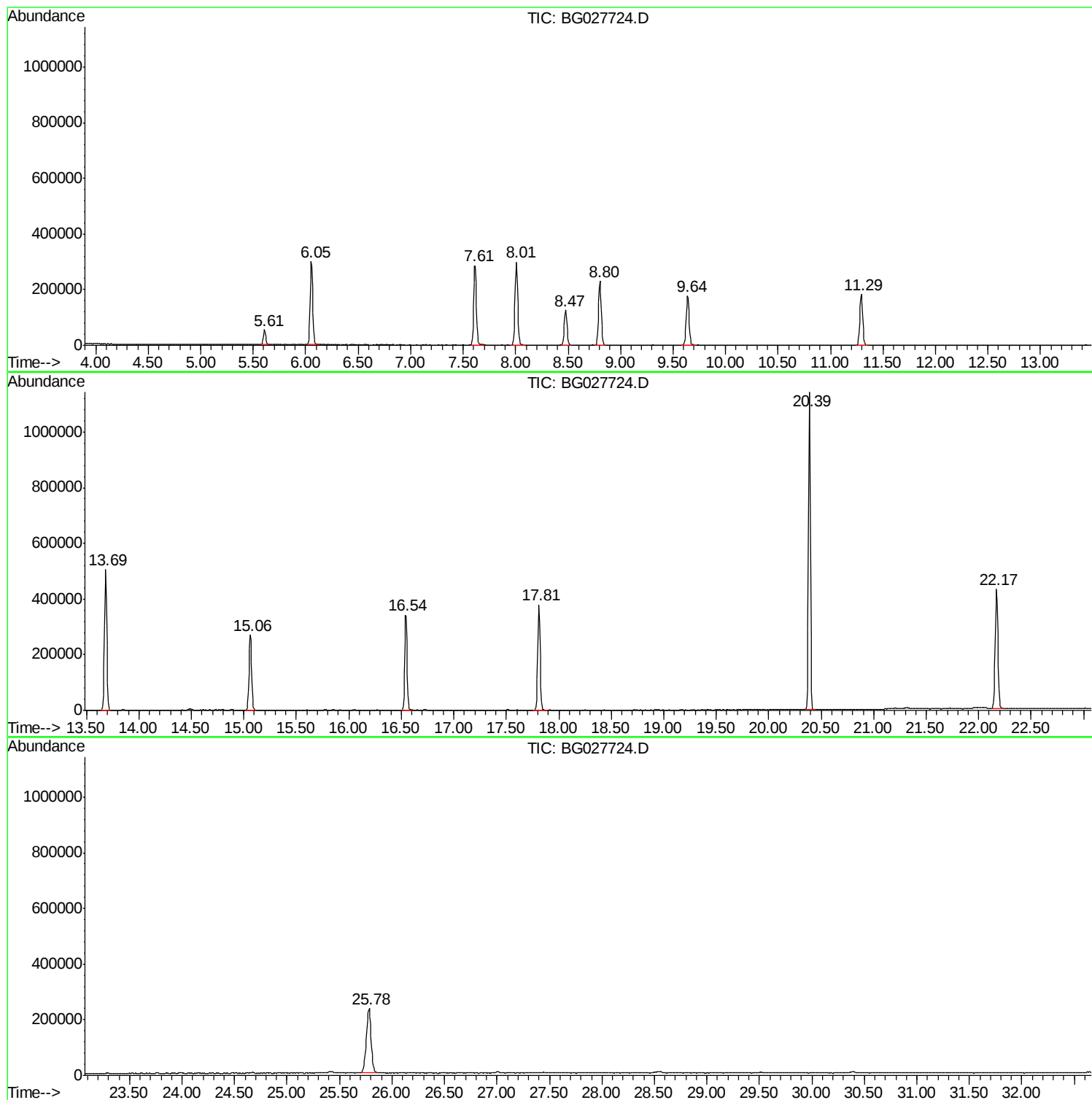
Sum of corrected areas: 8468877

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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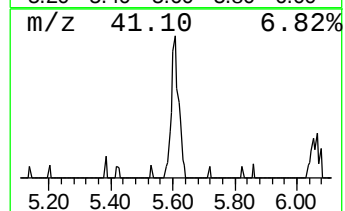
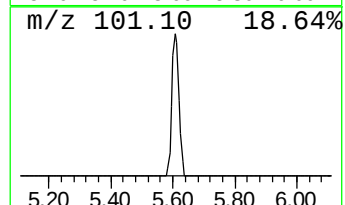
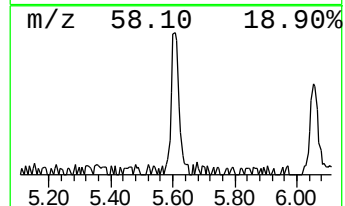
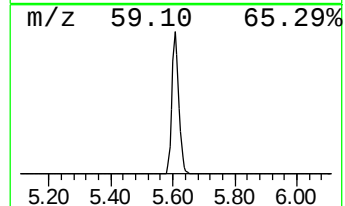
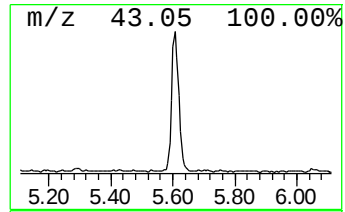
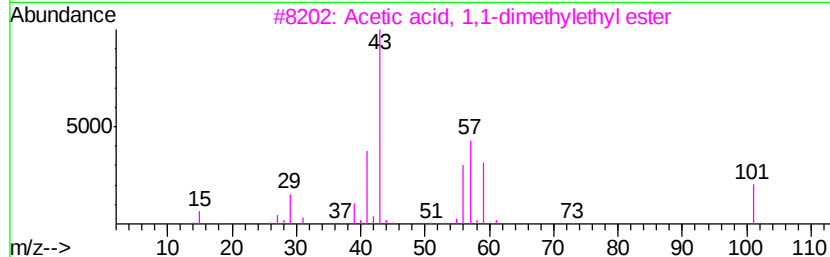
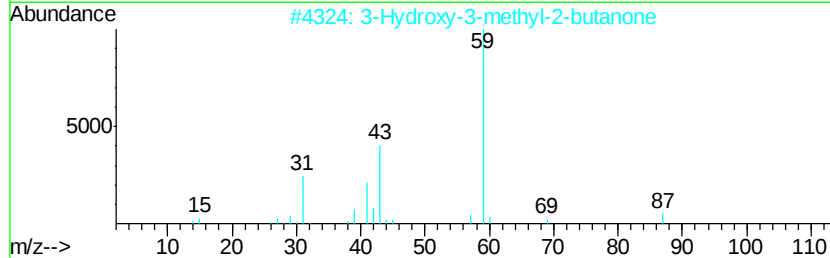
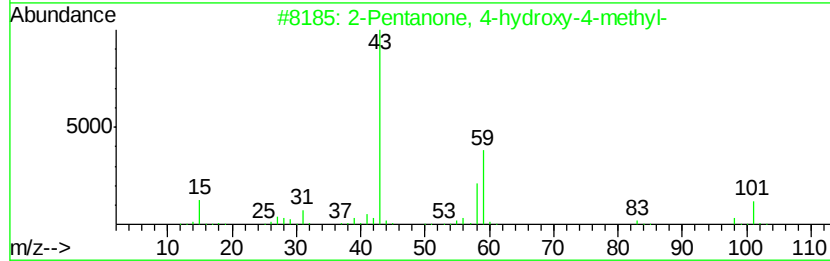
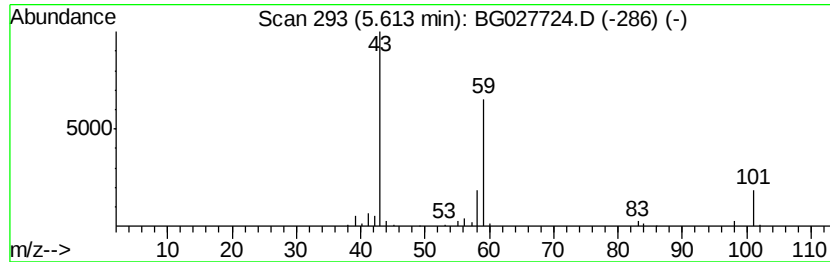
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.61 | 7.44 ng | 85323 | 1,4-Dichlorobenzene-d4 | 8.47 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 53   |
| 2    |    |   | 3-Hydroxy-3-methyl-2-butanone       | 102 | C5H10O2 | 000115-22-0 | 23   |
| 3    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9    |
| 4    |    |   | Silane, trimethyl-                  | 74  | C3H10Si | 000993-07-7 | 9    |
| 5    |    |   | 1,2-Butanediol                      | 90  | C4H10O2 | 000584-03-2 | 9    |



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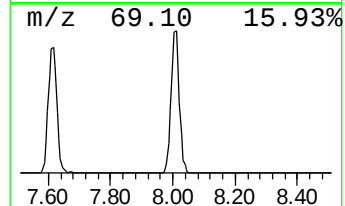
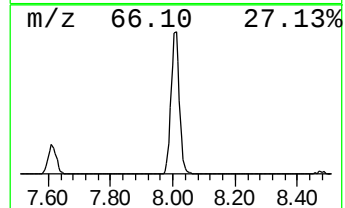
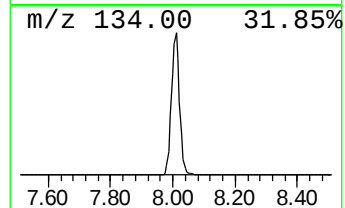
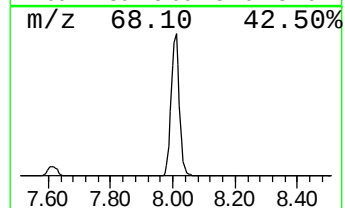
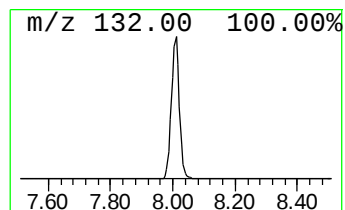
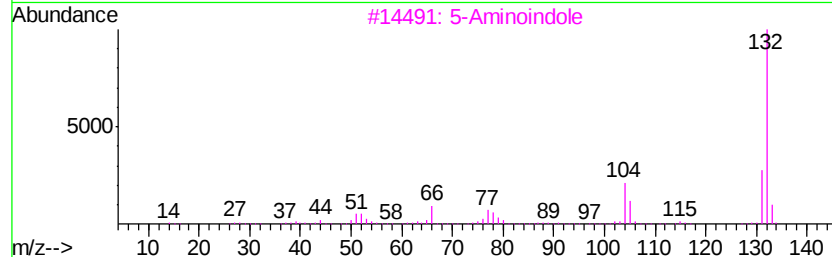
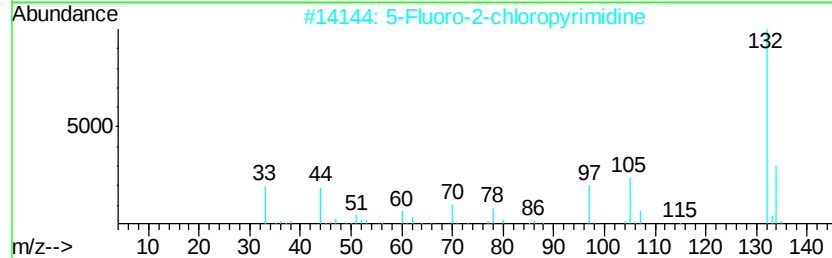
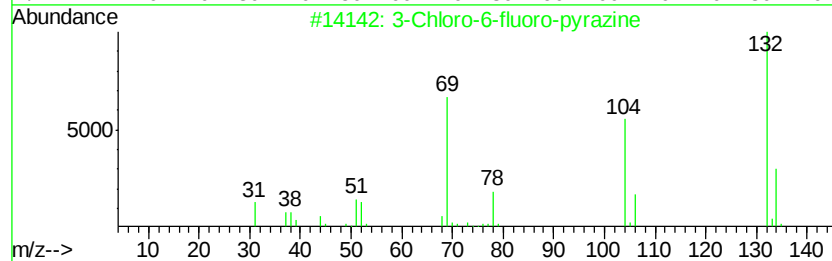
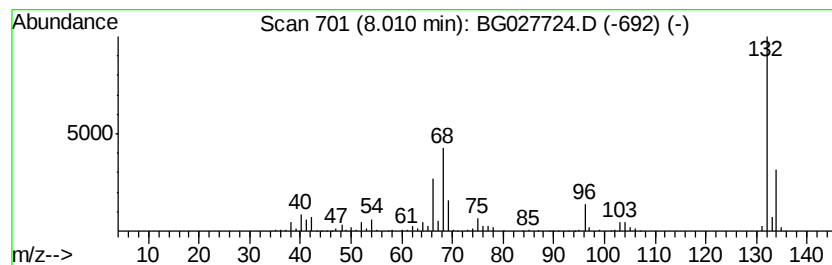
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown8.01 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.01 | 47.07 ng | 539973 | 1,4-Dichlorobenzene-d4 | 8.47 |

| Hit# | of | Tentative ID                | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine  | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 5-Aminoindole               | 132 | C8H8N2    | 005192-03-0  | 10   |
| 4    |    | 1,3,5-Trifluorobenzene      | 132 | C6H3F3    | 000372-38-3  | 9    |
| 5    |    | Xenon                       | 132 | Xe        | 007440-63-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.61 | 7.4     | ng    | 85323    | 1                     | 8.47 | 229431 | 20.0 |
| unknown8.01          | 8.01 | 47.1    | ng    | 539973   | 1                     | 8.47 | 229431 | 20.0 |